CONTACT STRUCTURE AND PRODUCTION METHOD THEREOF AND PROBE CONTACT ASSEMBLY USING SAME

Abstract of the Disclosure

A contact structure for establishing electrical connection with contact targets. The contact structure is formed of a contactor carrier and a plurality of contactors attached to a contactor carrier. The contactors are inserted in diagonal through holes on the contactor carrier and attached to the contactor carrier through adhesives. The contactor has a top end having a flat top surface, a straight diagonal beam integral with the top end and configured by an upper beam portion and a lower beam portion, and a lower end at an end of the lower beam portion to contact with a contact target. A probe contact assembly using the contact structure is also disclosed which incorporates a flip chip bonding technology to interconnect the components therein.